



LEED BD+C: Multifamily Midrise | v3 - LEED 2008

## Nontoxic pest control

SSc5 | Possible 2 points

Glossary

### Intent

Design home features to minimize the need for poisons for control of insects, rodents, and other pests.

### Requirements

#### Prerequisites

None.

#### Credits

5 **Pest control alternatives** (½ point each, maximum 2 points). Implement one or more of the measures below. All physical actions (for pest management practices) must be noted on construction plans.

- Keep all wood (i.e., siding, trim, structure) at least 12 inches above soil (code typically requires 8 inches).
- Seal all external cracks, joints, penetrations, edges, and entry points with caulking. Where openings cannot be caulked or sealed, install rodent and corrosion-proof screens (e.g., copper or stainless steel mesh). Protect exposed foundation insulation with moisture-resistant, pest-proof cover (e.g., fiber cement board, galvanized insect screen).
- Include no wood-to-concrete connections or separate any exterior wood-to-concrete connections (e.g., at posts, deck supports, stair stringers) with metal or plastic fasteners or dividers.
- Install landscaping such that all parts of mature plants will be at least 24 inches from the home.
- In areas marked “moderate to heavy” through “very heavy” on the termite infestation probability map (**Figure 1**), implement one or more of the following measures (½ point each):
  - Treat all cellulosic material (e.g., wood framing) with a borate product to a minimum of 3 feet above the foundation.
  - Install a sand or diatomaceous earth barrier.
  - Install a steel mesh barrier termite control system.
  - Install nontoxic termite bait system.
  - Use noncellulosic (i.e., not wood or straw) wall structure.
  - Use solid concrete foundation walls or masonry wall with top course of solid block bond beam or concrete-filled block.

**Figure 1. Termite Infestation Probability Map**



Note: Lines defining areas are approximate only. Local conditions may be more or less severe than indicated by the region classification.

FIGURE 0201.200  
TERMITE INFESTATION PROBABILITY MAP